

**DECLARATION AND POWER OF ATTORNEY  
FOR ORIGINAL U.S. PATENT APPLICATION**

Attorney's Docket No. LAM1P175/P1148

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MAGNETIC ENHANCEMENT FOR MECHANICAL CONFINEMENT OF PLASMA, the specification of which,

(check one)

1. ☒ is attached hereto.
2. ☐ was filed on \_\_\_\_\_ as  
U.S. Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.
3. ☐ was filed on \_\_\_\_\_ as  
International PCT Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.55.

**Prior Foreign Application(s)**

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

(Application No.)	(Country)	(Filing Date)	Priority Benefits Claimed?
_____	_____	_____	Yes ___ No ___
_____	_____	_____	Yes ___ No ___

**Provisional Application(s)**

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

(Application No.) _____	(Filing Date) _____
_____	_____

**Prior U.S. Application(s)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

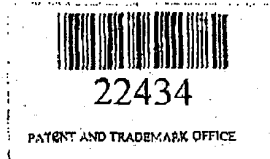
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

**Power of Attorney**

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**Direct Correspondence To:**

**Customer Number: 022434**



**Direct Telephone Calls To:**

**Michael Leeat telephone number (831) 655-2300**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of  
Sole or First Inventor: DOUGLAS L. KEIL Citizenship: USA  
Inventor's signature: Douglas L. Keil Date of Signature: 6/19/2003  
Residence: (City) Fremont (State/Country) CA/USA  
Post Office Address: 34421 Montgomery Place, Fremont, CA 94555

Typewritten Full Name of  
Second Inventor: LUMIN LI Citizenship: USA  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Santa Clara (State/Country) CA/USA  
Post Office Address: 3480 Tracy Drive, Santa Clara, CA 95051

Typewritten Full Name of  
Third Inventor: ERIC A. HUDSON Citizenship: USA  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Berkeley (State/Country) CA/USA  
Post Office Address: 1820 Catalina Avenue, Berkeley, CA 94707

Typewritten Full Name of  
Fourth Inventor: REZA SADJADI Citizenship: USA  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Saratoga (State/Country) CA/USA  
Post Office Address: 19413 Vineyard Lane, Saratoga, CA 95070

Typewritten Full Name of  
Fifth Inventor: ERIC H. LENZ Citizenship: USA  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Pleasanton (State/Country) CA/US  
Post Office Address: 2662 Chocolate Street, Pleasanton, CA 94588

Typewritten Full Name of  
Sixth Inventor: RAJINDER DHINDSA Citizenship: USA  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) San Jose (State/Country) CA/USA  
Post Office Address: 3670 Rolling Side Drive, San Jose, CA 95148

Typewritten Full Name of  
Seventh Inventor: JI SOO KIM Citizenship: Korea  
Inventor's signature: \_\_\_\_\_ Date of Signature: \_\_\_\_\_  
Residence: (City) Pleasanton (State/Country) CA/USA  
Post Office Address: 4621 Cochise Court, Pleasanton, CA 94588

# DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. LAM1P175/P1148

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MAGNETIC ENHANCEMENT FOR MECHANICAL CONFINEMENT OF PLASMA, the specification of which,

(check one)

1. ☒ is attached hereto.
2. ☐ was filed on \_\_\_\_\_ as  
U.S. Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.
3. ☐ was filed on \_\_\_\_\_ as  
International PCT Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

## Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
			Yes ____ No ____
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ____ No ____

## Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

_____ (Application No.)	_____ (Filing Date)
_____ (Application No.)	_____ (Filing Date)

**Prior U.S. Application(s)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)

(Filing Date)

(Status - patented, pending, abandoned)

(Application No.)

(Filing Date)

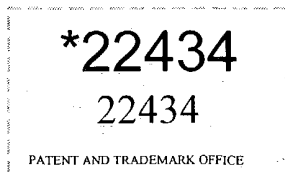
(Status - patented, pending, abandoned)

**Power of Attorney**

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**Direct Correspondence To:**

**Customer Number: 022434**



**Direct Telephone Calls To:**

**Michael Lecat telephone number (831) 655-2300**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of  
Sole or First Inventor:

DOUGLAS L. KEIL

Citizenship:

USA

**Inventor's signature:**

**Date of Signature:**

Residence:

(City)

Fremont

(State/Country)

CA/USA

Post Office Address:

34421 Montgomery Place, Fremont, CA 94555

Typewritten Full Name of  
Second Inventor:

LUMIN LI

Citizenship:

USA

**Inventor's signature:**

**Date of Signature:**

6/18/03

Residence:

(City)

Santa Clara

(State/Country)

CA/USA

Post Office Address:

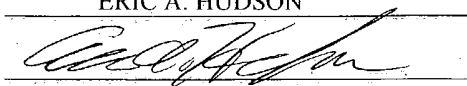
3480 Tracy Drive, Santa Clara, CA 95051

Typewritten Full Name of  
Third Inventor:

ERIC A. HUDSON

Citizenship: USA

Inventor's signature:



Date of Signature: 6/14/03

Residence: (City)

Berkeley

(State/Country)

CA/USA

Post Office Address:

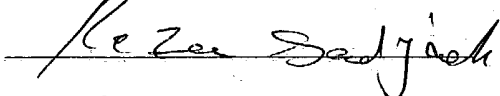
1820 Catalina Avenue, Berkeley, CA 94707

Typewritten Full Name of  
Fourth Inventor:

REZA SADJADI

Citizenship: USA

Inventor's signature:



Date of Signature: 6-19-03

Residence: (City)

Saratoga

(State/Country)

CA/USA

Post Office Address:

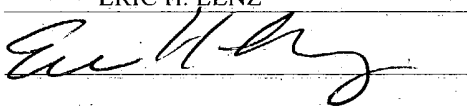
19413 Vineyard Lane, Saratoga, CA 95070

Typewritten Full Name of  
Fifth Inventor:

ERIC H. LENZ

Citizenship: USA

Inventor's signature:



Date of Signature: 6-19-03

Residence: (City)

Pleasanton

(State/Country)

CA/US

Post Office Address:

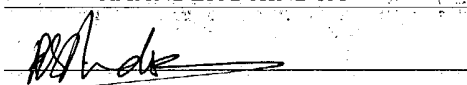
2662 Chocolate Street, Pleasanton, CA 94588

Typewritten Full Name of  
Sixth Inventor:

RAJINDER DHINDSA

Citizenship: USA

Inventor's signature:



Date of Signature: 6/12/03

Residence: (City)

San Jose

(State/Country)

CA/USA

Post Office Address:

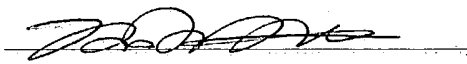
3670 Rolling Side Drive, San Jose, CA 95148

Typewritten Full Name of  
Seventh Inventor:

JI SOO KIM

Citizenship: Korea

Inventor's signature:



Date of Signature: June 18, 2003

Residence: (City)

Pleasanton

(State/Country)

CA/USA

Post Office Address:

4621 Cochise Court, Pleasanton, CA 94588

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: KEIL et al.

Attorney Docket No.:

LAM1P175/P1148

Application No.: Filed Herewith

Examiner: Unassigned

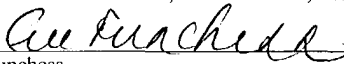
Filed: Herewith

Group: Unassigned

Title: MAGNETIC ENHANCEMENT FOR  
MECHANICAL CONFINEMENT OF PLASMA

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on June 20, 2003 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number **ET582748034US**, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Sue Funchess

**ASSOCIATE POWER OF ATTORNEY**

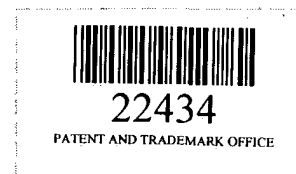
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned attorney of record in the subject patent application hereby grants an Associate Power of Attorney to add Jeffrey J. Brooks, Registration No. 35,834 and Michael Brandt, Registration No. 39,119, both of Lam Research Corporation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence for this application as follows:

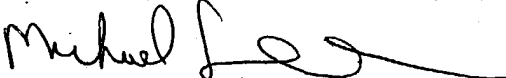
**Customer Number 022434**  
BEYER WEAVER & THOMAS, LLP  
P.O. Box 778  
Berkeley, CA 94704-0778



Please direct any calls to Michael Lee at (831) 655-2300.

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP



Michael Lee

Reg. No. 31,846